

US-PAT-NO: 5717744

DOCUMENT-IDENTIFIER: US 5717744 A  
\*\*See image for Certificate of Correction\*\*

TITLE: Data communicating apparatus  
having user notification  
capability and method

----- KWIC -----

Brief Summary Text - BSTX (5):

Hitherto, in a facsimile apparatus as a kind of data  
communicating apparatus  
for communicating data, when the data is received, as  
means for informing it to  
the user, there is known means for ringing a beep sound  
to inform the data  
reception, means for ringing an end sound indicative of  
the end of  
communication, or the like.

US-PAT-NO: 6266711

DOCUMENT-IDENTIFIER: US 6266711 B1

TITLE: System for adding desirable  
function to a computer from  
a portable electronic data  
communication device to  
control the portable device  
connected thereto

----- KWIC -----

Detailed Description Text - DETX (41):

Then, when the data transmission for the communication service A from the communication modem 11 is accomplished, an end notification signal is notified to the apparatus main body 10, and a transmission end message is displayed on the liquid crystal display unit 13 (step A5 and step A6).

PAT-NO: JP02002291037A  
DOCUMENT-IDENTIFIER: JP 2002291037 A  
TITLE: COMMUNICATION TERMINAL PROVIDED  
WITH DOWNLOAD DATA RECEIVING FUNCTION  
PUBN-DATE: October 4, 2002

INVENTOR-INFORMATION:

NAME	COUNTRY
SATO, HITOSHI	N/A
KANEKO, HIROSHI	N/A
TAKAHASHI, OSAMU	N/A
ABE, YASUHIKO	N/A
KOSAKA, TOMOHIRO	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
TOSHIBA CORP	N/A

APPL-NO: JP2001088230

APPL-DATE: March 26, 2001

INT-CL (IPC): H04Q007/38, G06F013/00, G06F017/60,  
H04M001/00, H04M011/08  
, H04M015/00, H04Q007/20

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a communication terminal the charging processing of which a server can conduct after the end of download.

SOLUTION: A reception transit display control function 51 generates a bias  $\alpha$  seconds) which changes at random for each

downloading on the basis of  
a random number before start of reception of contents  
data and displays a  
message denoting the end of 50% reception on a display  
section 8 at a point of  
time elapsed by the bias ( $\alpha$  seconds) when detecting  
the end of 50%  
reception for a receiving period of the contents data.  
When a reception end  
display control function 53 detects the 100% reception  
end of data, the  
function 53 transmits the reception end notice to a  
contents server TS to make  
the server to conduct charging processing and displays a  
message denoting the  
100% reception end on the display section 8 after  
confirming return of the  
charging response from the contents server TS.

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US-PAT-NO: 6044278  
DOCUMENT-IDENTIFIER: US 6044278 A  
TITLE: Method and apparatus for message communication

----- KWIC -----

Detailed Description Text - DETX (67):

In the called terminal, the message data transmitted from the calling terminal is received as a DTMF signal by the DTMF receiver 9 via the voice codec 5, message display based on the output of the DTMF receiver 9 is effected on the display 13, and the reception complete notification is effected for the calling terminal via the ISDN network 300.

Detailed Description Text - DETX (68):

In the calling terminal, transmission complete display is effected on the display 13 when the reception complete notification is received via the ISDN network 300, and the transmission of the message data is complete.

PAT-NO: JP02000333226A  
DOCUMENT-IDENTIFIER: JP 2000333226 A  
TITLE: RADIO SELECTIVE CALLING RECEIVER  
PUBN-DATE: November 30, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
NARISAWA, HIDEKI	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
NEC CORP	N/A

APPL-NO: JP11136840

APPL-DATE: May 18, 1999

INT-CL (IPC): H04Q007/14

ABSTRACT:

PROBLEM TO BE SOLVED: To easily confirm up-to-date information among a large quantity of information.

SOLUTION: This radio selective calling receiver receives selective calling and receiving message is provided with a message storage section 11 that stores all received messages and received date time information for each selective calling number used for the selective calling, a display section 6 that displays a message stored in the message storage section, and an automatic display control section 12 that stores a 1st time denoting a display start time

set to each selective calling number, a 2nd time denoting  
a display end time,  
reads an up-to-date message received from the message  
storage section at the  
1st time on the basis of the date time information,  
allows the display section  
to display the message and terminates the display of the  
up-to-date message at  
the 2nd time.

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L Number	Hits	Search Text	DB	Time stamp
3	192	(reduce or reducing or reduced or decrease or decreasing or decreased) with brightness with (screen or monitor or display) same (reduc\$4 or save or saving or saved) near5 (power or energy)	USPAT	2003/06/28 00:56
4	11	("4551841"   "5261082"   "5357193"   "5404543"   "5432944"   "5452277"   "5483656"   "5515302"   "5532935"   "5694607"   "5771345").PN.	USPAT	2003/06/28 00:46
7	4	(pda or portable with computer or telephone) and (("4551841"   "5261082"   "5357193"   "5404543"   "5432944"   "5452277"   "5483656"   "5515302"   "5532935"   "5694607"   "5771345").PN.)	USPAT	2003/06/28 00:58
8	35	(pda or portable with computer or telephone) and ((reduce or reducing or reduced or decrease or decreasing or decreased) with brightness with (screen or monitor or display) same (reduc\$4 or save or saving or saved) near5 (power or energy))	USPAT	2003/06/28 01:09
9	4	("5167024"   "5396635"   "5479645"   "5504910").PN.	USPAT	2003/06/28 01:04
10	16	(phone or telephone) and ((reduce or reducing or reduced or decrease or decreasing or decreased) with brightness with (screen or monitor or display) same (reduc\$4 or save or saving or saved) near5 (power or energy))	USPAT	2003/06/28 01:09
11	7	(cell or portable or moible) near3 (phone or telephone) and ((reduce or reducing or reduced or decrease or decreasing or decreased) with brightness with (screen or monitor or display) same (reduc\$4 or save or saving or saved) near5 (power or energy))	USPAT	2003/06/28 01:18
12	0	(cell or portable or moible) near3 (phone or telephone) and (6584571.PN. and (turn\$2 near3 (backlight\$3 or backlit\$3 or illuminat\$3 or light or lighting) with (screen or monitor or display) same (reduc\$4 or save or saving or saved) near5 (power or energy)))	USPAT	2003/06/28 01:14
15	399	turn\$2 near3 (backlight\$3 or backlit\$3 or illuminat\$3 or light or lighting) with (reduc\$4 or save or saving or saved) near5 (power or energy)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/28 01:16
21	5	(cell or portable or moible) near3 (phone or telephone) and (turn\$2 near3 (backlight\$3 or backlit\$3 or illuminat\$3 or light or lighting) with (reduc\$4 or save or saving or saved) near5 (power or energy))	USPAT	2003/06/28 01:28
22	9	cellular near3 (phone or telephone) and (turn\$2 near3 (backlight\$3 or backlit\$3 or illuminat\$3 or light or lighting) with (reduc\$4 or save or saving or saved) near5 (power or energy))	USPAT	2003/06/28 01:22
23	7	cellular near3 (phone or telephone) and (turn\$2 near3 (backlight\$3 or backlit\$3 or illuminat\$3 or light or lighting) with (reduc\$4 or save or saving or saved) near5 (power or energy)) not ((cell or portable or moible) near3 (phone or telephone) and (turn\$2 near3 (backlight\$3 or backlit\$3 or illuminat\$3 or light or lighting) with (reduc\$4 or save or saving or saved) near5 (power or energy)))	USPAT	2003/06/28 01:22
24	652	(completion or complet\$3 or finish\$3 or end\$2) with (receiv\$3 or transmission or transmit\$4 or reception) near3 (data or information) same display\$3 with message	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/28 01:35
30	148	(cell or cellular or portable or moible) near3 (phone or telephone) and ((completion or complet\$3 or finish\$3 or end\$2) with (receiv\$3 or transmission or transmit\$4 or reception) near3 (data or information) same display\$3 with message)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/28 01:35
36	24	(completion or complet\$3 or finish\$3 or end\$2) with (receiv\$3 or transmission or transmit\$4 or reception) near3 (data or information) same display\$3 with message with (changed or changing or change)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/28 01:52

42	14	((completion or complet\$3 or finish\$3 or end\$2) with (receiv\$3 or transmission or transmit\$4 or reception) near3 (data or information) same display\$3 with message with (notification or denoting or denote or notice))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/28 01:55
48	13	((completion or complet\$3 or finish\$3 or end\$2) with (receiv\$3 or transmission or transmit\$4 or reception) near3 (data or information) same display\$3 with message with (notification or denoting or denote or notice)) not ((completion or complet\$3 or finish\$3 or end\$2) with (receiv\$3 or transmission or transmit\$4 or reception) near3 (data or information) same display\$3 with message with (changed or changing or change))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/28 01:55